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Application or Docket Number
10/780533

10/780533

(Column 1)	(Column 2)
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SMALL ENTITY	
RATE	FEE
	\$
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\$	
\$	
TOTAL	

RATE	FEE
	\$
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TOTAL	

TOTAL

(Column 1)	(Column 2)	(Column 3)
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361	362	363
364	365	366
3		

SMALL ENTITY	
DATE	ADDITIONAL FEE
Aug 1998	
Aug 1998	
Aug 1998	
TOTAL	ADDITIONAL FEE

RATE	ADDITIONAL FEE
1. \$ _____	
2. \$ _____	
3. \$ _____	
TOTAL ADDITIONAL FEE	

RATE	ADDITIONAL FEE
1.5 _____	
1.5 _____	
1.5 _____	
TOTAL	
ADDITIONAL FEE	

RATE	ADDRESS
1 1/2	
1 1/2	
1 1/2	
TOTAL	4001

RA11	ADD1 15004; FCC
* \$ _____ :	
* \$ _____ :	
* \$ _____ :	
10141	
4000 FCC	

RATE	ADDL TQNS, ELL
\$ _____	
\$ _____	
\$ _____	
TOTAL ADDL ELL	

It is a well-known fact that the probability of a system being in a particular state is proportional to the exponential of the negative of the energy of that state divided by the temperature. This is the Boltzmann distribution, which is a fundamental principle of statistical mechanics. It is used to calculate the average energy of a system and the entropy of a system. The Boltzmann distribution is also used to calculate the probability of a system being in a particular state, which is the quantity of interest in this paper.

[illegible]